



U. S. Department of Agriculture
Forest Service
Southeastern Area
State & Private Forestry

FOREST PEST MANAGEMENT

Report No. 83-3-1

Issued: 10/12/82

AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, WILLIAM B. BANKHEAD NATIONAL FOREST

LAND OWNERSHIP OR SURVEY AREA: William B. Bankhead National Forest, Bankhead
and Black Warrior Ranger Districts

STATE: Alabama

AREA WITHIN SURVEY BOUNDARY: 348,000 acres

DATE: October 5, 1982

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 206

CREW: C. W. Dull, R. F. Bassett, and E. T. Wilson

REPORT PREPARED BY: E. T. Wilson

SURVEY OBJECTIVES

The objective of the aerial survey was to detect the presence and location of forest insect and disease activity affecting the timber resources on the Bankhead and Black Warrior Districts of the William B. Bankhead National Forest.

SURVEY RESULTS

A total of four spots containing 42 dead and dying pine trees were detected. Three of the spots observed contained less than 10 trees. The largest spot contained 25 trees. The pine mortality observed on the William B. Bankhead National Forest is suspected to be caused by the southern pine beetle, Dendroctonus frontalis Zimm.

CONCLUSION

Southern pine beetle activity appears to be at a low level at this time. However, fall coloration of the hardwood trees had begun and delineating the beetle spots was difficult. The Bankhead and Black Warrior Districts should be re-flown in May or June 1983.

For any additional information, contact

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